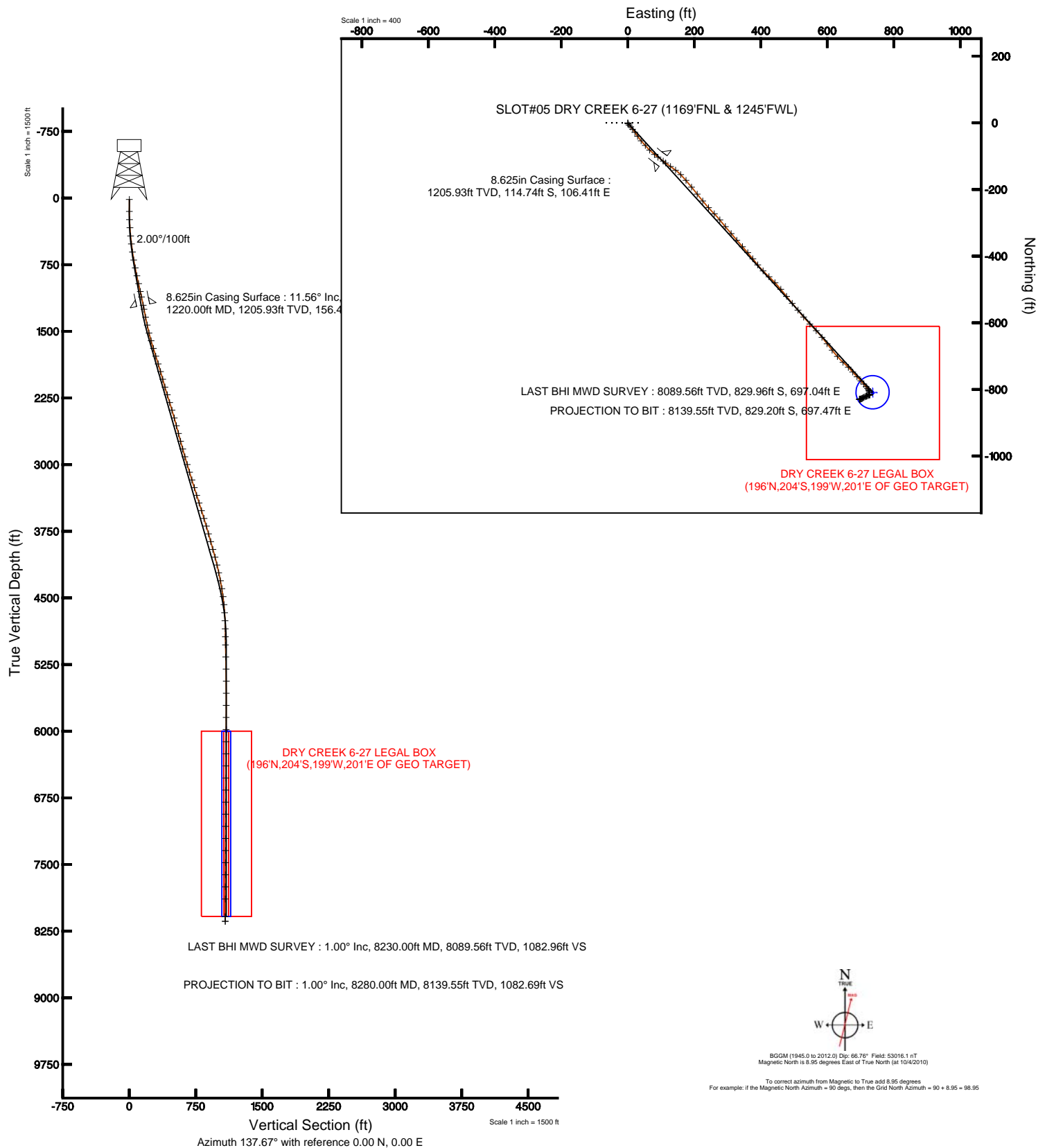


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#05 DRY CREEK 6-27 (1169'FNL & 1245'FWL)
 Field: WELD COUNTY (KERR MCGEE) Well: DRY CREEK 6-27
 Facility: SEC.27-T1N-R67W Wellbore: DRY CREEK 6-27 PWB



Plot reference wellpath is DRY CREEK 6-27 (REV-A.0) PWP	
True vertical depths are referenced to XTREME 12 (RT)	Grid System: NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet
Measured depths are referenced to XTREME 12 (RT)	North Reference: True north
XTREME 12 (RT) to Mean Sea Level: 5023 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: SEC.27-T1N-R67W): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: nistale on 10/26/2010





Actual Wellpath Report

DRY CREEK 6-27 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 DRY CREEK 6-27 (1169'FNL & 1245'FWL)
Area	COLORADO	Well	DRY CREEK 6-27
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 6-27 AWP
Facility	SEC.27-T1N-R67W		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet	Software System	WellArchitect® 2.0
North Reference	True	User	Nistale
Scale	0.999964	Report Generated	10/26/2010 at 10:03:11 AM
Convergence at slot	0.40° East	Database/Source file	Denver Server/DRY_CREEK_6-27_AWP.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	64.41	3173162.40	1252969.06	40°01'34.068"N	104°52'53.976"W
Facility Reference Pt			3173097.99	1252968.61	40°01'34.068"N	104°52'54.804"W
Field Reference Pt			3197771.84	1268891.29	40°04'09.600"N	104°47'36.000"W

WELLPATH DATUM

Calculation method	Minimum curvature	XTREME 12 (RT) to Facility Vertical Datum	5023.00ft
Horizontal Reference Pt	Slot	XTREME 12 (RT) to Mean Sea Level	5023.00ft
Vertical Reference Pt	XTREME 12 (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	XTREME 12 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	137.67°



Actual Wellpath Report

DRY CREEK 6-27 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 DRY CREEK 6-27 (1169'FNL & 1245'FWL)
Area	COLORADO	Well	DRY CREEK 6-27
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 6-27 AWP
Facility	SEC.27-T1N-R67W		

WELLPATH DATA (81 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	173.200	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	173.200	15.00	0.00	0.00	0.00	0.00	
150.00	0.600	173.200	150.00	0.58	-0.70	0.08	0.44	
242.00	2.000	151.700	241.97	2.52	-2.59	0.90	1.59	
334.00	4.100	136.600	333.84	7.37	-6.40	3.92	2.42	
426.00	5.200	141.200	425.53	14.82	-12.04	8.80	1.26	
517.00	6.200	142.200	516.08	23.84	-19.13	14.39	1.10	
608.00	8.300	144.000	606.35	35.26	-28.33	21.26	2.32	
699.00	9.800	145.700	696.22	49.46	-40.04	29.49	1.67	
790.00	11.900	139.100	785.59	66.51	-53.53	40.00	2.68	
880.00	12.400	136.900	873.57	85.45	-67.60	52.68	0.76	
971.00	12.000	136.600	962.52	104.68	-81.61	65.85	0.45	
1062.00	12.700	128.900	1051.42	124.02	-94.77	80.14	1.96	
1125.00	12.100	126.700	1112.95	137.35	-103.06	90.82	1.21	
1266.00	11.300	127.100	1251.02	165.44	-120.23	113.69	0.57	
1357.00	11.800	125.000	1340.17	183.28	-130.94	128.42	0.72	
1448.00	12.300	127.100	1429.17	201.89	-142.13	143.78	0.73	
1539.00	13.500	134.100	1517.87	222.02	-155.37	159.14	2.16	
1630.00	16.400	140.100	1605.79	245.46	-172.62	175.01	3.61	
1720.00	17.600	141.200	1691.86	271.74	-192.97	191.68	1.38	
1811.00	17.000	140.800	1778.74	298.75	-214.00	208.71	0.67	
1902.00	16.800	141.100	1865.81	325.16	-234.54	225.38	0.24	
1993.00	17.100	137.300	1952.86	351.67	-254.61	242.71	1.26	
2083.00	15.800	135.200	2039.17	377.14	-273.03	260.32	1.59	
2174.00	15.600	139.400	2126.78	401.75	-291.11	277.01	1.27	
2265.00	17.800	141.900	2213.94	427.86	-311.35	293.56	2.54	
2356.00	17.000	139.100	2300.78	455.03	-332.35	310.85	1.27	
2446.00	17.100	140.100	2386.82	481.40	-352.45	327.95	0.34	
2537.00	15.500	137.000	2474.16	506.93	-371.61	344.83	2.00	
2628.00	15.400	139.400	2561.87	531.17	-389.67	360.99	0.71	
2719.00	14.900	141.700	2649.71	554.91	-408.03	376.10	0.86	
2809.00	15.400	140.800	2736.58	578.39	-426.37	390.82	0.61	
2900.00	15.500	135.200	2824.30	602.60	-444.36	407.03	1.64	
2991.00	16.300	133.800	2911.82	627.49	-461.83	424.82	0.97	
3082.00	16.400	136.800	2999.14	653.08	-480.04	442.83	0.93	
3172.00	17.600	140.100	3085.21	679.38	-499.74	460.25	1.71	
3263.00	17.400	141.200	3172.00	706.71	-520.90	477.60	0.42	
3354.00	17.300	140.100	3258.86	733.80	-541.88	494.81	0.38	
3445.00	16.800	139.800	3345.86	760.46	-562.30	511.98	0.56	
3535.00	17.900	140.800	3431.76	787.27	-582.96	529.11	1.27	
3626.00	17.900	135.500	3518.36	815.21	-603.77	547.76	1.79	
3717.00	17.600	137.000	3605.03	842.95	-623.81	566.94	0.60	
3808.00	16.200	141.200	3692.10	869.38	-643.76	584.28	2.04	
3898.00	15.600	141.900	3778.66	893.97	-663.07	599.61	0.70	
3989.00	15.700	141.900	3866.28	918.46	-682.39	614.76	0.11	



Actual Wellpath Report

DRY CREEK 6-27 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 DRY CREEK 6-27 (1169'FNL & 1245'FWL)
Area	COLORADO	Well	DRY CREEK 6-27
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 6-27 AWP
Facility	SEC.27-T1N-R67W		

WELLPATH DATA (81 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4080.00	15.600	138.400	3953.91	942.97	-701.23	630.48	1.04	
4171.00	15.500	132.700	4041.59	967.32	-718.63	647.54	1.68	
4262.00	12.500	135.200	4129.87	989.28	-733.86	663.42	3.36	
4352.00	12.500	138.700	4217.74	1008.75	-748.09	676.71	0.84	
4443.00	12.000	136.900	4306.67	1028.05	-762.40	689.68	0.69	
4534.00	9.300	136.900	4396.09	1044.87	-774.68	701.17	2.97	
4625.00	7.500	137.700	4486.11	1058.16	-784.44	710.19	1.98	
4715.00	5.500	140.500	4575.53	1068.34	-792.11	716.89	2.25	
4806.00	3.400	138.000	4666.25	1075.40	-797.48	721.47	2.32	
4897.00	2.000	146.100	4757.15	1079.67	-800.81	724.16	1.59	
4988.00	1.100	149.300	4848.11	1082.09	-802.88	725.49	0.99	
5078.00	1.100	157.300	4938.10	1083.75	-804.41	726.26	0.17	
5169.00	1.300	181.300	5029.08	1085.32	-806.25	726.58	0.59	
5305.00	1.900	176.700	5165.03	1088.19	-810.05	726.67	0.45	
5441.00	2.600	179.800	5300.92	1092.23	-815.38	726.81	0.52	
5577.00	0.900	43.400	5436.88	1094.44	-817.69	727.56	2.43	
5713.00	0.400	356.000	5572.87	1093.99	-816.44	728.26	0.51	
5849.00	0.300	321.500	5708.87	1093.26	-815.69	728.00	0.17	
5986.00	0.300	295.900	5845.87	1092.57	-815.25	727.46	0.10	
6122.00	0.600	226.200	5981.86	1092.26	-815.59	726.62	0.42	
6259.00	1.100	233.300	6118.85	1092.15	-816.87	725.05	0.37	
6395.00	0.900	236.400	6254.83	1091.86	-818.24	723.11	0.15	
6531.00	1.200	244.900	6390.80	1091.27	-819.44	720.94	0.25	
6667.00	1.100	253.700	6526.78	1090.28	-820.41	718.39	0.15	
6803.00	1.300	243.800	6662.75	1089.28	-821.46	715.76	0.21	
6939.00	1.300	249.100	6798.71	1088.28	-822.69	712.93	0.09	
7075.00	1.100	239.300	6934.68	1087.46	-823.90	710.37	0.21	
7212.00	1.100	235.700	7071.66	1087.01	-825.32	708.15	0.05	
7348.00	0.700	239.600	7207.64	1086.65	-826.47	706.35	0.30	
7484.00	0.800	244.200	7343.63	1086.21	-827.31	704.78	0.09	
7620.00	0.800	245.900	7479.61	1085.65	-828.11	703.06	0.02	
7756.00	0.800	250.200	7615.60	1084.98	-828.82	701.30	0.04	
7892.00	0.800	246.300	7751.59	1084.32	-829.52	699.54	0.04	
8029.00	1.000	237.500	7888.57	1083.81	-830.55	697.66	0.18	
8230.00	1.000	29.400	8089.56	1082.96	-829.96	697.04	0.97	LAST BHI MWD SURVEY
8280.00	1.000	29.400	8139.55	1082.69	-829.20	697.47	0.00	PROJECTION TO BIT



Actual Wellpath Report

DRY CREEK 6-27 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 DRY CREEK 6-27 (1169'FNL & 1245'FWL)
Area	COLORADO	Well	DRY CREEK 6-27
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 6-27 AWB
Facility	SEC.27-T1N-R67W		

HOLE & CASING SECTIONS Ref Wellbore: DRY CREEK 6-27 AWB Ref Wellpath: DRY CREEK 6-27 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	15.00	1190.00	1175.00	15.00	1176.55	0.00	0.00	-111.10	101.57
8.625in Casing Surface	15.00	1220.00	1205.00	15.00	1205.93	0.00	0.00	-114.74	106.41
7.875in Open Hole	1220.00	8280.00	7060.00	1205.93	8139.55	-114.74	106.41	-829.20	697.47

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
DRY CREEK 6-27 GEO TARGET 50' RADIUS (1980'FNL & 1980'FWL, REV-1)		6000.00	-808.71	736.57	3173904.56	1252165.54	40°01'26.076"N	104°52'44.508"W	circle
DRY CREEK 6-27 LEGAL BOX (196'N,204'S,199'W,201'E OF GEO TARGET)		6000.00	-810.71	737.57	3173905.57	1252163.54	40°01'26.056"N	104°52'44.495"W	square

WELLPATH COMPOSITION Ref Wellbore: DRY CREEK 6-27 AWB Ref Wellpath: DRY CREEK 6-27 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	1125.00	NaviTrak (Standard)	BHI MWD 12.25 HOLE <150-1125>	DRY CREEK 6-27 AWB
1125.00	8230.00	NaviTrak (Standard)	BHI MWD 8.75 HOLE <1266-8230>	DRY CREEK 6-27 AWB
8230.00	8280.00	Blind Drilling (std)	Projection to bit	DRY CREEK 6-27 AWB



Actual Wellpath Report

DRY CREEK 6-27 AWP

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REFERENCE WELLPATH IDENTIFICATION

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Area	COLORADO	Well	DRY CREEK 6-27
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 6-27 AWB
Facility	SEC.27-T1N-R67W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
8230.00	1.000	29.400	8089.56	LAST BHI MWD SURVEY
8280.00	1.000	29.400	8139.55	PROJECTION TO BIT